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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Named Inventor: Ghosh, Monisha

Docket No.: US02 0490 US

PTO Application No.: 10/537221 Conf.: Unknown Art Unit: Unknown

Date Filed: 06/03/2005 Examiner: Unknown

Title: Simplified Decoder For A Bit Interleaved COFDM-MIMO System

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Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97**

Sir:

Enclosed in this transmittal is an "Information Disclosure Statement by Applicant" and a copy of each of the documents listed thereon. These documents are considered to be relevant in that they have been cited as an "X" or "Y" document in a foreign Patent Office search report on a foreign counterpart application, a copy of which report is also enclosed.

☐ I hereby certify that these documents were cited in said search report not more than three (3) months prior to the filing of this information disclosure statement.

This disclosure is not an admission that any of these documents is material to or even prior art with respect to the above-referenced application.

The Commissioner is hereby requested and authorized pursuant to 37 CFR §1.136(a)(3), to treat any concurrent or future reply in this application requiring a petition for extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. Please charge any additional fees which may now or in the future be required in this application, including extension of time fees, but excluding the issue fee unless explicitly requested to do so, and credit any overpayment, to Deposit Account No. 14-1270.

Date: 11/21/05

Respectfully submitted,

USPTO Customer Number

**24738**

By

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date indicated below.

(Date) 11/21/05

(Signature) Vilimaina Naga  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number	10/537221
Filing Date	06/03/2005
First Named Inventor	Ghosh, Monisha
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	US02 0490 US

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number (ctry <sup>3</sup> -no. <sup>4</sup> -kind <sup>5</sup> , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	1	HORI S ET AL: "A NEW BRANCH METRIC GENERATION METHOD FOR SOFT-DECISION . . ."; IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS, COMMUNICATIONS AND COMPUTER SCIENCES INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, JP; Vol. 7, no. E85-A, July 2002 (2002-07); pages 1675-1684; XP001141747	
	2	VAN ZELST A : "SPACE DIVISION MULTIPLEXING ALGORITHMS"; PROCEEDINGS OF 10 <sup>TH</sup> MEDITERRANEAN ELECTROTECHNICAL CONFERENCE, MELECON 2000, IEEE; Vol. 3, 29 May 2000 (2000-05-29); pages 1218-1221, XP010518665; New York, US	

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.